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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application No.	09/644,387	
				Filing Date	08/23/2000	
				First Named Inventor	Agoston et al.	
				Group Art Unit	1617	
				Examiner Name	Badio, Barbara	
Sheet 1 of 24				Attorney Docket Number 05213-0541 (43170-219662)		
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ² (if known)			
BB	1	3,166,577		Ringold et al.	01/19/1965	
	2	3,562,260		De Ruggieri et al.	02/09/1971	
	3	4,444,767		Torelli et al.	04/24/1984	
	4	4,552,758		Murphy et al.	11/12/1985	
	5	4,634,705		DeBernardis et al.	01/06/1987	
	6	4,808,402		Leibovich et al.	02/28/1989	
	7	5,629,327		D'Amato	05/13/1997	
	8	5,629,340		Kuwano et al.	05/13/1997	
	9	5,639,725		O'Reilly et al.	06/17/1997	
	10	5,646,136	A	Petrow	07/08/1997	
	11	5,716,981		Hunter et al.	02/10/1998	
	12	5,733,876		O'Reilly et al.	03/31/1998	
	13	5,763,432		Tanabe et al.	06/09/1998	
	14	5,776,704		O'Reilly et al.	07/07/1998	
	15	5,792,845		O'Reilly et al.	08/11/1998	
	16	5,837,682		O'Reilly	11/17/1998	
	17	5,854,205		O'Reilly et al.	12/29/1998	
	18	5,854,221		Cao et al.	12/29/1998	
	19	5,861,372		Folkman et al.	01/19/1999	
	20	5,885,795		O'Reilly et al.	03/23/1999	
	21	5,919,459	A	Nacy et al.	07/06/1999	
	22	5,958,892		Mukhopadhyay et al.	09/28/1999	
	23	6,011,023		Clark et al.	01/04/2000	
BB	24	6,046,186		Tanabe et al.	04/04/2000	

Examiner Signature	<i>P. Badio</i>	Date Considered	11/15/05
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Examiner Name	Badio, Barbara				
Sheet	2	of	24	Attorney Docket Number	05213-0541 (43170-219662)

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		Number ²	Kind Code ³ (if known)			
BB	25	6,051,726	A	Sachdeva et al.	04/18/2000	
	26	6,054,598		Sachdeva et al.	04/25/2000	
	27	6,239,123		Green et al.	05/29/2001	
	28	6,284,789	B1	LaLonde et al.	09/04/2001	
	29	6,346,510	B1	O'Reilly et al.	02/12/2002	
	30	6,399,773	B1	Liu et al.	06/04/2002	
	31	6,410,029	B1	Mukhopadhyay et al.	06/25/2002	
	32	6,413,513	B1	Holaday, John	07/02/2002	
	33	6,514,971	B1	Thomas et al.	02/04/2003	
	34	6,528,676	B1	D'Amato et al.	03/04/2003	
	35	6,605,622	B2	Green et al.	08/12/2003	
	36	6,723,858	B2	D'Amato et al.	04/20/2004	
	37	6,730,665	B1	Maran et al.	05/04/2004	
	38	6,908,910	B2	D'Amato et al.	06/21/2005	
	39	2002/0002294	A1	D'Amato et al.	01/03/2002	
	40	2002/0165212	A1	D'Amato et al.	11/07/2002	
	41	2003/0027803	A1	Slaga et al.	02/06/2003	
	42	2003/0096800	A1	D'Amato et al.	05/22/2003	
	43	2003/0236408	A1	D'Amato et al.	12/25/2003	
	44	2004/0072813	A1	D'Amato et al.	04/15/2004	
	45	2004/0214807	A1	D'Amato et al.	10/28/2004	
BB	46	2005/0020555	A1	D'Amato et al.	01/27/2005	

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		Office ³	Number ⁴				
	47	DE	2 004 516 <i>English translation needed</i>	VEB Jenapharm	09/10/1970		No
	48	DE	27 57 157 <i>English translation needed</i>	Schering AG	12/18/1977		
BB	49	EP	0657175	A2	Centro de Immunologia Molecular	06/14/1995	
	50	EPO	0166937	A2	Abbott Laboratories	08/01/1986	
	51	GB	857,080		Syntex S.A.	12/29/1960	
	52	GB	857,081		Syntex S.A.	12/29/1960	
	53	GB	1,570,597		Takeda et al.	07/02/1980	
	54	JP	42-928	B	DAINIPPON PHARM CO LTD (abstract only)	01/18/1967	
	55	JP	39-5480	B	Teikoku Hormone Mfg. Co.		No
	56	JP	09316000	A	Toagosei Co. Ltd. <i>(English Abstract only)</i>	09/12/1997	
	57	JP	58-131978		Lilly & Co Eli (Eli) <i>(English Abstract only)</i>	08/06/1983	No
	58	JP	63090763	A	Research Development Corp. of Japan (Abstract only)	04/21/1988	
BB	59	JP	63-119500		Dai Ichi Seiyaku Co Ltd. <i>(English Abstract only)</i>	05/24/1988	No
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		Office ²	Number ³	Kind Code ⁵ (if known)				
BB	60	JP	41 000100	A	Dainippon Pharmaceutical Co., Ltd. (abstract only)	01/07/1966		
	61	JP	11-209322		Kao Corp. (English abstract only)	08/03/1999		No
	62	SU	1240038	A1	A MED ONCOLOGY CENTRE (abstract only)	10/27/1996		
	63	WO	00/07576	A2	ENDORECHERCHE, INC	02/17/2000		
	64	WO	00/10552	A2	Global Vascular Concepts, Inc.	03/02/2000		
	65	WO	00/66095	A2	Sterix Limited	11/09/2000		
	66	WO	00/68246	A1	Research Institute for Medicine and Chemistry Inc.	11/16/2000		
	67	WO	87/02367	A3	The Upjohn Company	04/23/1987		
	68	WO	88/08002	A1	The Upjohn Company	10/20/1988		
	69	WO	93/19746	A1	ORION-YH-TYMA OY	10/14/1993		
	70	WO	98/32763	A1	SRI International	07/30/1998		
	71	WO	99/01142	A1	Hyal Pharmaceutical Corporation	01/14/1999		
BB	72	WO	99/22728	A1	Arch Development Corporation	05/14/1999		

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
BP	73	WO	99/33858	A3	SRI International	07/08/1999		
	74	WO	99/33859	A2	SRI International	07/08/1999		
	75	WO	99/35150	A3	Arizona Board of Regents	07/15/1999		
BP	76	WO	99/45018	A1	Imclone Systems Incorporated	09/10/1999		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T*
BB	77	Author: Title: Publ: <u>Research Plus Catalog</u> Vol/Iss: Pages: 50-58 Date: 1993				
	78	Author: Title: News Article: Hoffman-La Roche Signs \$70 Million Deal with Millenium on Genomics Technology Publ: <u>Genetic Engineering News</u> Vol/Iss: Pages: Date: 4/15/1994				
	79	Author: Title: News Article: Advanced Drug Delivery Systems Peak Interest of Pharmaceutical & Biotech Firms Publ: <u>Genetic Engineering News</u> Vol/Iss: Pages: Date: 4/15/1994				
	80	Author: Title: News Article: Nasal Spray for Treating Bleeding Disorders Publ: <u>Genetic Engineering News</u> Vol/Iss: Pages: Date: 4/15/1994				
	81	Author: ABOULWABA et al. Title: Synthesis and evaluation for uterotrophic and antiimplantation activities of 2-substituted estradiol derivatives Publ: <u>Steroids</u> Vol/Iss: 57 Pages: 199-204 Date: 04/1992				
	82	Author: ALGIRE, G.H. et al. Title: Vascular reactions of normal and malignant tumors in vivo. I. Vascular reactions of mice to wounds and to normal and neoplastic transplants Publ: <u>Journal of the National Cancer Institute</u> Vol/Iss: 6 Pages: 73-85 Date: 08/1945				
BB	83	Author: ALIEV et al. Title: 54929q Synthesis of cycloalkyl derivatives of dihydric phenols and their ethers Publ: <u>Chemical Abstracts</u> Vol/Iss: 72 Pages: 370 Date: 1970				

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BB	84	Author: ANSTEAD et al. Title: The Estradiol Pharmacophore: Ligand Structure-Estrogen Receptor Binding Affinity Relationships and a Model for the Receptor Binding Site Publ: Steroids Vol/Iss: 62 Pages: 268-303 Date: 1997			
	85	Author: ARNOLDI et al. Title: Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogs (Abstract only) Publ: Journal of Agric. Food Chem. Vol/Iss: 46(10) Pages: 4002-4010 Date: 1998			
BB	86	Author: ATTALLA et al. Title: 2-Methoxyestradiol-Induced Phosphorylation of Bcl-2: Uncoupling from JNK/SAPK Activation (Abstract only) Publ: Biochemical and Biophysical Research Communications Vol/Iss: 247(3) Pages: 616-619 Date: 6/29/1998			
	87	Author: AUDIER et al. Title: Orientation de la fragmentation en spectrometrie de masse par introduction de groupements fonctionnels. VII. - Ethylenecetals de ceto-2 steroïdes Publ: Bulletin De La Societe Chimique De France Vol/Iss: 10 Pages: 3088-3090 Date: 1965 <i>English translation needed</i>			
BB	88	Author: BARNES et al. Title: Tumor Necrosis Factor Production in Patients with Leprosy Publ: Infection and Immunity Vol/Iss: 60(4) Pages: 1441-1446 Date: 04/1992			
	89	Author: BINDRA et al. Title: Studies in Antifertility Agents. 8. Seco Steroids. 2. 5,6-Secoestradiol and Some Related Compounds Publ: Journal of Medicinal Chemistry Vol/Iss: 18(9) Pages: 921-925 Date: 1975			
BB	90	Author: BLICKENSTAFF et al. Title: Synthesis of Some Analogs of Estradiol Publ: Steroids Vol/Iss: 46(4,5) Pages: 889-902 Date: 10/1985			

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BB	91	Author: BOYCE et al. Title: Some Preliminary Synthetical Studies with 5,6,7,8-Tetra-hydro-8-methylindane-1,5-dione Publi: Unknown Vol/Iss: Pages: 4547-4553 Date: 1960			
	92	Author: BRANDI et al. Title: Bone endothelial cells as estrogen targets (Abstract only) Publi: Calcif. Tissue Int. Vol/Iss: 53 (5) Pages: 312-317 Date: 1993			
	93	Author: BREM, H. et al. Title: Interstitial chemotherapy with drug polymer implants for the treatment of recurrent gliomas Publi: Journal of Neurosurgery Vol/Iss: 74 Pages: 441-446 Date: 03/01/91			
	94	Author: BURROWS, N.P. Title: Thalidomide Modifies Disease Publi: British Medical Journal Vol/Iss: 307 (6909) Pages: 939-940 Date: 10/09/93			
	95	Author: CAMBIE et al. Title: Aromatic Steroids. Part II. Chromium Trioxide Oxidation of Some Oestra-1,3,5(10)-trienes Publi: Journal of the Chemical Society Vol/Iss: 9 Pages: 1234-1240 Date: 1969			
	96	Author: CAMBIE et al. Title: Aromatic Steroids. Part I. Oxidation Products of 3-Methoxyestra-1,3,5(10)-triene-17β-yl Acetate Publi: J. Chem. Soc. Vol/Iss: Pages: 2603-2608 Date: 1968			
BB	97	Author: COREY et al. Title: Applications of N,N-Dimethylhydrazones to Synthesis. Use in Efficient, Positionally and Stereochemically Selective C-C Bond Formation; Oxidative Hydrolysis to Carbonyl Compounds Publi: Tetrahedron Letters Vol/Iss: 1 Pages: 3-6 Date: 1976			

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BB	98	Author: COREY et al. Title: Facile Conversion of N,N-Dimethylhydrazones to Carbonyl Compounds by Cupric Ion-Catalyzed Hydrolysis Publ: Tetrahedron Letters Vol/Iss: 41 Pages: 3678-3668 Date: 1976			
	99	Author: CRABBE, P. Title: Cotton effect of the styrene chromophore (Abstract only) Publ: Chem. Ind. Vol/Iss: 27 Pages: 917-918 Date: 1969			
	100	Author: D'AMATO, R.J. et al. Title: Thalidomide is an Inhibitor of Angiogenesis Publ: Proceedings of the National Academy of Science USA Vol/Iss: 91 Pages: 4082-4085 Date: 04/01/94			
	101	Author: DING et al. Title: Sex Hormone-Binding Globulin Mediates Prostate Androgen Receptor Action via a Novel Signaling Pathway (Abstract only) Publ: Endocrinology Vol/Iss: 139 (1) Pages: 213-218 Date: 1998			
	102	Author: DURANI et al. Title: Seco-Oestradiols and Some Non-Steroidal Oestrogens: Structural Correlates of Oestrogenic Action Publ: Journal of Steroid Biochemistry Vol/Iss: 11 Pages: 67-77 Date: 1979			
	103	Author: EDER et al. Title: Synthese von Ostradiol (in German - No translation available) Publ: Chem. Ber. Vol/Iss: 109 Pages: 2948-2953 Date: 1976 <i>(English Abstract only)</i>			
BB	104	Author: EL-TOMBARY. Title: Synthesis, Uterotropic, And Antiuterotropic Activities of Some Estradiol Derivatives Containing Thiadiazole, Thiazoline, and Thiazolidinone Moieties Publ: Arch. Pharm. Pharm. Med. Chem. Vol/Iss: 330 (9-10) Pages: 295-302 Date: 1997			

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BB	105	Author: EMONS et al. Title: Modulation der hypophysaren Sekretion von Luteinisierendem Hormon (LH) durch Ostrogene Publ: FOCUS MHL Vol/Iss: 3 Pages: 221-228 Date: 1986			
	106	Author: ENJOJI, K. et al. Title: Effect of Heparin on the Inhibition of Factor Xa by Tissue Factor Pathway Inhibitor: A Segment, Gly ²¹² - Phe ²¹⁰ , of the third Kunitz Domain is a Heparin-Binding Site Publ: Biochemistry Vol/Iss: 34 (17) Pages: 5725-5735 Date: 1995			
	107	Author: FANCHENKO et al. Title: Characteristics of the guinea pig uterus estrogen receptor system (Abstract only) Publ: Byull. Eksp. Biol. Med. Vol/Iss: 85 (4) Pages: 467-470 Date: 1978			
	108	Author: FETIZON et al. Title: Synthesis of 2-keto steroids (Abstract only) Publ: Bull. Soc. Chim. FR. Vol/Iss: 8 Pages: 3301-3306 Date: 1968			
	109	Author: FEVIG et al. Title: A Short, Stereoselective Route to 16 α -(Substituted-alkyl)estradiol Derivatives Publ: Journal of Organic Chemistry Vol/Iss: 52 Pages: 247-251 Date: 1987			
	110	Author: FIELD et al. Title: Effect of Thalidomide on the Graft versus Host Reaction Publ: Nature Vol/Iss: 211 (5055) Pages: 1308-1310 Date: 09/17/66			
BB	111	Author: FIESER et al. Title: N-Methylformanilide Publ: Organic Synthesis Collective Volume 3 Vol/Iss: 3 Pages: 590-591 Date: 1955			

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				First Named Inventor	Agoston et al.
				Group Art Unit	1617
Examiner Name	Badio, Barbara				
Sheet	11	of	24	Attorney Docket Number	05213-0541 (43170-219662)
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BB	112	Author: FLOHE et al. Title: Studies on the Hypothetical Relationship of Thalidomide-induced Embryopathy and Collagen Biosynthesis Publi: Arzneimitte/Forschung (Germany West) Vol/Iss: 31 (2) Pages: 315-320 Date: 01/01/81			
	113	Author: FOLKMAN et al. Title: Angiogenesis Inhibition and Tumor Regression Caused by Heparin or a Heparin Fragment in the Presence of Cortisone Publi: Science Vol/Iss: 221 Pages: 719-725 Date: 08/19/83			
	114	Author: FOLKMAN, J. Title: Tumor Angiogenesis: Therapeutic Implications Publi: New England Journal of Medicine Vol/Iss: 285 (21) Pages: 1182-1186 Date: 11/18/71			
	115	Author: FOLKMAN, J. et al. Title: Induction of Angiogenesis During the Transition from Hyperplasia to Neoplasia Publi: Nature Vol/Iss: 339 Pages: 58-61 Date: 05/04/89			
	116	Author: FOLKMAN, J. et al. Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment Publi: Annals of Surgery Vol/Iss: 164(3) Pages: 491-502 Date: 09/01/66			
	117	Author: GADOSY et al. Title: Generation, Characterization, and Deprotonation of Phenol Radical Cations Publi: Journal of Physical Chemistry Vol/Iss: 103 Pages: 8834-8839 Date: 1999			
BB	118	Author: GANDHI et al. Title: Mannich Reaction of Estrone Publi: Journal of Indian Chem. Soc. (Abstract Only) Vol/Iss: 39 Pages: 306-308 Date: 1962			

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BB	119	Author: GASLINI et al. Title: Reaction of Eugenol with Synthesis Gas. Synthesis of 5,6,7,8-Tetrahydro-3-methoxy-2-naphthol Publi: <u>Journal of Organic Chemistry</u> (Abstract Only) *document illegible Vol/Iss: 29 (5) Pages: 1177-1180 Date: 05/1964				
	120	Author: GIAN TONDURY et al. Title: Zur Wirkung Der Sexualhormone Auf Wachstum und Differenzierung (See English Summary Page 55) Publi: <u>Cambridge Philosophical Society</u> Vol/Iss: Pages: 28-58 Date: 12/17/1955				
	121	Author: GIMBRONE, M.A. et al. Title: Tumor Growth and Neovascularization: An Experimental Model Using the Rabbit Cornea Publi: <u>Journal of the National Cancer Institute</u> Vol/Iss: 52(2) Pages: 413-427 Date: 02/74				
	122	Author: GIMBRONE, M.A. et al. Title: Tumor dormancy <i>in vivo</i> by Prevention of Neovascularization Publi: <u>Journal of Experimental Medicine</u> Vol/Iss: 136 Pages: 261-276 Date: 1972				
	123	Author: GONZALEZ et al. Title: Synthesis and Pharmacological Evaluation of 8 α Estradiol Derivatives Publi: <u>Steroids</u> Vol/Iss: 40 (2) Pages: 171-187 Date: 9/1982				
	124	Author: GROSS, J.L. et al. Title: Modulation of Solid Tumor Growth <i>in vivo</i> by bFGF (Abstract only) Publi: <u>Proceedings of the American Association of Cancer Research</u> Vol/Iss: 31 Pages: 79 Date: 03/90				
BB	125	Author: GUJJAR et al. Title: The Effect of Estradiol on Candida albicans Growth Publi: <u>Annals of Clinical and Laboratory Science</u> Vol/Iss: 27 (2) Pages: 151-156 Date: 1997				

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BB	126	Author: GUNZLER, V. Title: Thalidomide-A Therapy for the Immunological Consequences of HIV Infection? Publ: Medical Hypothesis Vol/Iss: 30 (2) Pages: 105-109 Date: 10/89				
	127	Author: GUPTA et al. Title: Antifertility Agents. XIV. Secosteroids. VII. Synthesis of 2 α and 2 β , 6 β -dimethyl- 3 β -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7-ones and some related compounds (Abstract only) Publ: Indian Journal of Chemistry Vol/Iss: 13 (7) Pages: 759-760 Date: 1975				
	128	Author: GUPTA et al. Title: Studies in Antifertility Agents. Part XVIII. 2 α 6 β -Diethyl-3 β -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7 β -ol and 6 β -methyl-3 β -(p-hydroxyphenyl)-2 α -propyl- trans-bicyclo[4.3.0]nonan-7 β -ol (Abstract only) Publ: Indian Journal of Chemistry Vol/Iss: 19B (10) Pages: 886-890 Date: 1980				
	129	Author: GUTIERREZ-RODRIGUEZ et al. Title: Treatment of Refractory Rheumatoid Arthritis - The Thalidomide Experience Publ: The Journal of Rheumatology Vol/Iss: 16 (2) Pages: 158-163 Date: 02/89				
	130	Author: GUTIERREZ-RODRIGUEZ, O. Title: Thalidomide - A Promising New Treatment for Rheumatoid Arthritis Publ: Arthritis and Rheumatism Vol/Iss: 27 (10) Pages: 1118-1121 Date: 10/84				
	131	Author: HAHNEL et al. Title: The Specificity of the Estrogen Receptor of Human Uterus Publ: Journal of Steroid Biochemistry Vol/Iss: 4 Pages: 21-31 Date: 1973				
BP	132	Author: HANDLEY et al. Title: Chronic bullous disease of childhood and ulcerative colitis Publ: British Journal of Dermatology Vol/Iss: 127 (40) Pages: 67-68 Date: 07/01/92				

Examiner Signature	Badio	Date Considered	11/15/05
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BB	133	Author: HE et al. Title: Novel Cytokine Release Inhibitors. Part II Steroids Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 8 Pages: 2825-2828 Date: 1998				
	134	Author: HEJAZ et al. Title: Synthesis and Biological Activity of the Superestrogen (E)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (E)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene Publ: Journal of Medicinal Chemistry Vol/Iss: 42 (16) Pages: 3188-3192 Date: 1999				
	135	Author: HENEY et al. Title: Thalidomide treatment for chronic graft-versus-host disease Publ: British Journal of Haematology Vol/Iss: 78 (1) Pages: 23-27 Date: 05/91				
	136	Author: HOLKER et al. Title: The Reactions of Estrogens with Benzeneseleninic Anhydride and Hexamethyldisilazane Publ: J. Chem. Soc. Perkin Trans. Vol/Iss: 1 Pages: 1915-1918 Date: 1982				
	137	Author: HU, G. Title: Neomycin Inhibits Angiogenin-induced Angiogenesis (abstract Only) Publ: Proceedings of the National Academy of Sciences, USA Vol/Iss: 95 (17) Pages: 9791-9795 Date: 1998				
	138	Author: IKEGAWA et al. Title: Immunoaffinity extraction for liquid chromatographic determination of equilin and its metabolites in plasma (Abstract only) Publ: Biomed. Chromatogr. Vol/Iss: 10 (2) Pages: 73-77 Date: 1996				
BB	139	Author: IMAMURA et al. Title: Method for Manufacture of Dihydric Phenols (Abstract only) Publ: USPATFULL 76:20259 US 3,950,437 Vol/Iss: Pages: Date: 04/13/1976				

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BD	140	Author: INGBER, D. et al. Title: Synthetic analogues of fumagillin that inhibit angiogenesis and suppress tumor growth Publi: Nature Vol/Iss: 348 Pages: 555-557 Date: 12/06/90			
	141	Author: IRIARTE et al. Title: Steroids (XCIV). Synthesis of 2-methyl and 1,2-dimethyl estrogens (Abstract only) Publi: Tetrahedron Vol/Iss: 3 Pages: 28-36 Date: 1958			
	142	Author: JAGGERS et al. Title: Potent Inhibitory Effects of Steroids in an in vitro Model of Angiogenesis (Abstract only) Publi: Journal of Endocrinology Vol/Iss: 150 (3) Pages: 457-464 Date: 1996			
	143	Author: JHINGRAN et al. Title: Studies in Antifertility Agents - Part XLI: Secosteroids-x: Syntheses of Various Stereoisomers of (+)-2,6β-diethyl-7α-ethynyl-3-(p-hydroxyphenyl)-trans-bicyclo [4.3.0]nonan-7β-ol. Publi: Steroids Vol/Iss: 42 (6) Pages: 627-634 Date: 1983			
	144	Author: KARWAT Title: Separation and Recovery of Hydrogen Sulfide from Hydrocarbon Mixture Publi: Caplus DE 1103310 Vol/Iss: Pages: Date: 09/02/1959			
	145	Author: KATAOKA et al. Title: An Agent that Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer in Vivo (Abstract only) Publi: Cancer Research Vol/Iss: 58 (21) Pages: 4761-4765 Date: 11/1998			
BB	146	Author: KNIGHTON, D. et al. Title: Avascular and Vascular Phases of Tumour Growth in the Chick Embryo Publi: British Journal of Cancer Vol/Iss: 35 Pages: 347-356 Date: 1977			

Examiner Signature	Badio	Date Considered	11/15/05
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BB	147	Author: KOLE et al. Title: Studies in Antifertility Agents. II. Secosteroids. 5. Synthesis of 9,11-Secoeestradiol Publ: Journal of Medicinal Chemistry Vol/Iss: 18 (7) Pages: 765-766 Date: 1975			
	148	Author: KOVACS et al. Title: Steroids. XXIII. Synthesis of 2- and 4-hydroxy and 2,4-dihydroxy derivatives of estrone and estradiol (Abstract only) Publ: Acta Phys. Chem. Vol/Iss: 19 (3) Pages: 287-290 Date: 1973			
	149	Author: LAGUCHEV, S.S. Title: Hormonal Regulation of Cell-Divisions in the Mammary Gland Publ: Path.-Biol. Vol/Iss: 9 (5-6) Pages: 638-640 Date: 03/1961			
	150	Author: LEWIS, Richard J. Title: Publ: Hawley's Condensed Chemical Dictionary Vol/Iss: Pages: 577 Date: 01/1993			
	151	Author: LEWIS, Richard J. Title: Publ: Hawley's Condensed Chemical Dictionary Vol/Iss: Pages: 128-129 Date: 01/1993			
	152	Author: LI, J., et al. Title: (DN 103:65176) Catechol Formation of Fluoro- and Bromo-substituted Estradiols by Hamster Liver Microsomes. Evidence for Dehalogenation. (Abstract only) Publ: CAPLUS: Molecular Pharmacology Vol/Iss: 27 (5) Pages: 559-565 Date: 1985			
BB	153	Author: LIEN, W. et al. Title: The blood supply of experimental liver metastases. II. A Microcirculatory study of the normal and tumor vessels of the liver with the use of perfused silicone rubber Publ: Surgery Vol/Iss: 68 (2) Pages: 334-340 Date: 08/1970			

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BB	154	Author: LIMANTSEV et al. Title: Effect of some estrogen structural analogs on the development of the mouse embryo (Abstract only) Publ: Akush Jinekol. Vol/Iss: 6 Pages: 55-56 Date: 1982				
	155	Author: LIU et al. Title: Total Synthesis of (+)- $\Delta^{9(12)}$ Capnellene Publ: Tetrahedron Letters Vol/Iss: 26 (40) Pages: 4847-4850 Date: 1985				
	156	Author: LOOZEN et al. Title: An approach to the synthesis of 7.beta.-amino estrogens (Abstract only) Publ: Recl.: J.R. Neth.Chem. Soc. Vol/Iss: 102 (10) Pages: 433-437 Date: 1983				
	157	Author: LOVELY et al. Title: 2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation Publ: Journal of Medicinal Chemistry Vol/Iss: 39 Pages: 1917-1923 Date: 1996				
	158	Author: MARO et al. Title: Mechanism of Polar Body Formation in the Mouse Oocyte: An Interaction Between the Chromosomes, the Cytoskeleton and the Plasma Membrane Publ: Journal of Embryology and Experimental Morphology Vol/Iss: 92 Pages: 11-32 Date: 1986				
	159	Author: MEZA et al. Title: Managing the Gastrointestinal Complications of AIDS Publ: Drug Therapy Vol/Iss: 23 (11) Pages: 74-83 Date: 11/1993				
BB	160	Author: MICHEL et al. Title: Inhibition of synaptosomal high-affinity uptake of dopamine and serotonin by estrogen agonists and antagonists (Abstract only) Publ: Biochem. Pharmacol. Vol/Iss: 36 (19) Pages: 3175-3180 Date: 1987				

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	161	Author: MOLLENDORFF, W. VON Title: Wachstumsstörungen durch Geschlechtshormone nach Untersuchungen an Gewebekulturen Publ: <i>English translation needed</i> Vol/Iss: Pages: 187-202 Date: 06/12/1941				
BB	162	Author: MORISAKI et al. Title: Steroids. LI. Aromatization reaction of the cross-conjugated dienone system by Zinc 9. (Abstract only) Publ: Chem. Pharm. Bull. Vol/Iss: 14 (8) Pages: 866-872 Date: 1966				
	163	Author: NAAFS et al. Title: Thalidomide Therapy An Open Trial Publ: International Journal of Dermatology Vol/Iss: 24 (2) Pages: 131-134 Date: 03/1985				
	164	Author: NAMBARA et al. Title: Microbial transformation products derived from steroids. I. Synthesis of 1,2- and 3-dimethoxy-4-methylestratrienes (Abstract only) Publ: Chem. Pharm. Bull. Vol/Iss: 20 (2) Pages: 336-342 Date: 1972				
	165	Author: NAMBARA et al. Title: Synthesis of 16 β -Oxygenated Catechol Estrogen Methyl Ethers, New and Potential Metabolites Publ: Chemical & Pharmaceutical Bulletin Vol/Iss: 23 (7) Pages: 1613-1616 Date: 07/1975				
	166	Author: NAMBARA, T., et al. Title: DN 82:43650; Analytical Chemical Studies on Steroids. LXXIII. Synthesis of Epimeric 2-Hydroxy-16-Chlorestrong Monomethyl Ethers (Abstract only) Publ: HCAPLUS-Chemical and Pharmaceutical Bulletin Vol/Iss: 22 (10) Pages: 2455-2457 Date: 1974				
BB	167	Author: NEWKOME et al. Title: Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction Publ: Journal of Organic Chemistry Vol/Iss: 31 Pages: 677-681 Date: 03/1966				

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BB	168	Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients Publ: Journal of the National Cancer Institute Vol/Iss: 85 (3) Pages: 241-242 Date: 02/03/93			
	169	Author: NUMAZAWA et al. Title: Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration Publ: Steroids Vol/Iss: 41 (5) Pages: 675-682 Date: 1983			
	170	Author: OMAR et al. Title: Synthesis, binding affinities and uterotrophic activity of some 2-substituted estradiol and ring-A-fused pyrone derivatives Publ: European Journal of Medicinal Chemistry Vol/Iss: 29 Pages: 25-32 Date: 1994			
	171	Author: PERT et al. Title: Preparations of 2,4-disubstituted estradiols (Abstract only) Publ: Australian Journal of Chemistry Vol/Iss: 42 (3) Pages: 421-432 Date: 1989			
	172	Author: PETERS et al. Title: 17-Desoxy Estrogen Analogues Publ: Journal of Medicinal Chemistry Vol/Iss: 32 (7) Pages: 1642-1652 Date: 1989			
	173	Author: PFEIFFER et al. Title: Are catechol estrogens obligatory mediators of estrogen action in the central nervous system? I. Characterization of pharmacological probes with different receptor binding affinities and catechol estrogen formation rates (Abstract only) Publ: Journal of Endocrinology Vol/Iss: 110 (3) Pages: 489-497 Date: 1986			
BB	174	Author: PLUM et al. Title: Vaccination with Peptide to the Heparin Binding Domain of bFGF Conjugated to Liposomes Inhibits bFGF Induced Neovascularization (Abstract only) Publ: Proceedings of the American Association for Cancer Research Annual Vol/Iss: 39 Pages: 8 Date: 03/1998			

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				Application No.	09/644,387
				Filing Date	08/23/2000
				First Named Inventor	Agoston et al.
				Group Art Unit	1617
Sheet 20 of 24				Examiner Name	Badio, Barbara
				Attorney Docket Number	05213-0541 (43170-219662)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T*
BP	175	Author: POWELL et al. Title: Investigation and Treatment of Orogenital Ulceration; studies on a Possible Mode of Action of Thalidomide Publ: British Journal of Dermatology Vol/Iss: 113 Supp. 28 Pages: 141-144 Date: 07/1985			
	176	Author: ROMANELLI et al. Title: Ethyl-p-Dimethylaminophenylacetate Publ: Organic Synthesis Vol/Iss: 5 Pages: 552 Date: 10/24/1973			
	177	Author: SAKAKIBARA, KYOICHI Title: 2-Hydroxy-1,3,5(10)-estratriene derivatives (Abstract only) (Identifier: XP-002186126) Publ: Chemical Abstracts Vol/Iss: 60(1) Pages: Date: 01/06/64			
	178	Author: SATO et al. Title: Natural estrogens induce modulation of microtubules in Chinese hamster V79 cells in culture (Abstract only) Publ: Horm. Carcinog. II. Proceedings Int. Symp., 2nd (1996), Meeting Date 1994 Vol/Iss: Pages: 454-457 Date: 1996			
	179	Author: SEAYER, Sally Title: Monoclonal Antibodies in Industry: More Difficult than Originally Thought Publ: Genetic Engineering News Vol/Iss: 14 Pages: 10 and 21 Date: 08/1994			
	180	Author: SEEGERs et al. Title: Cyclic-AMP and Cyclic-GMP Production in MCF-7 Cells Exposed to Estradiol-17 Beta, Catecholestrogens and Methoxy-Estrogens in MCF-7 Cells (Meeting Abstract only) Publ: Joint MCI-1st Symposium, Third 1st International Symposium, Biology and Therapy of Breast Cancer Vol/Iss: Pages: Date: 09/25/89			
BP	181	Author: SEEGERs et al. Title: The Mammalian Metabolite, 2-methoxyestradiol, Affects P53 Levels and Apoptosis Induction in Transformed Cells but Not in Normal Cells (Abstract only) Publ: Journal of Steroid Biochemistry and Molecular Biology Vol/Iss: 62 (4) Pages: 253-267 Date: 07/1997			

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BP	182	Author: SHAH et al. Title: (+/-)-(N-alkylamino)benzazepine Analogs: Novel Dopamine D1 Receptor Antagonists (Abstract only) Publ: Journal of Medicinal Chemistry Vol/Iss: 38 (21) Pages: 4284-4293 Date: 10/13/95				
	183	Author: SHISHKINA et al. Title: Synthesis and properties of condensed heterocyclic derivatives of estradiol-17 β -ol-3-one (Abstract only) Publ: Khim.-Farm. Zh. Vol/Iss: 8 (1) Pages: 7-11 Date: 1974				
	184	Author: SIDKY et al. Title: Inhibition of Angiogenesis by Interferons: Effects on Tumor- and Lymphocyte-induced Vascular Responses Publ: Cancer Research Vol/Iss: 47 Pages: 5155-5161 Date: 10/01/87				
	185	Author: SIRACUSA et al. Title: The Effect of Microtubule- and Microfilament-disrupting Drugs on Preimplantation Mouse Embryos (abstract Only) Publ: Journal of Embryology and Experimental Morphology Vol/Iss: 60 Pages: 71-82 Date: 12/1980				
	186	Author: SOKER et al. Title: Neuropilin-1 is Expressed by Endothelial and Tumor Cells as an Isoform-Specific Receptor for Vascular Endothelial Growth Factor Publ: Cell Vol/Iss: 92 Pages: 735-745 Date: 03/20/1998				
	187	Author: SPYRIOUNIS et al. Title: Copper (II) complex of an estradiol derivative with potent antiinflammatory properties (Abstract only) Publ: Arch. Pharm. Vol/Iss: 324 (9) Pages: 533-536 Date: 1991				
	188	Author: SRIVASTAVA, A. et al. Title: The Prognostic Significance of Tumor Vascularity in Intermediate-Thickness (0.76-4.0 mm Thick) Skin Melanoma Publ: American Journal of Pathology Vol/Iss: 133 (2) Pages: 419-424 Date: 11/1988				

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BB	189	Author: STAPLES et al. Title: Structural Requirements for Steroid Inhibition of Sheep Lymphocyte Mitogenesis in vitro Publi: Steroids Vol/Iss: 44 (5) Pages: 419-433 Date: 11/1984				
	190	Author: STARKOV et al. Title: Mono- and Dialkylolation of Guaiacol by Olefins on KU-2 Cation Exchanger (Abstract only) Publi: Zhurnal Prikladnoi Khimii Vol/Iss: 41 (3) Pages: 688-690 Date: 1968				
	191	Author: TAYLOR, S. et al. Title: Protamine is an Inhibitor of Angiogenesis Publi: Nature Vol/Iss: 297 Pages: 307-312 Date: 05/27/82				
	192	Author: TREMBLAY et al. Title: A Convenient Synthetic Method for Alpha-Alkylation of Steroidal 17-Ketone: Preparation of 16 β -(THPO-Heptyl)-Estradiol Publi: Synthetic Communications Vol/Iss: 25 (16) Pages: 2483-2495 Date: 1995				
	193	Author: TREMBLAY et al. Title: Synthesis of 16-(Bromoalkyl)-Estradiols Having Inhibitory Effect on Human Placental Estradiol 17 β -Hydroxysteroid Dehydrogenase (17 β HSD Type 1) Publi: Bioorganic & Medicinal Chemistry Vol/Iss: 3 (5) Pages: 505-523 Date: 1995				
	194	Author: VICENTE et al. Title: In Vitro Activity of Thalidomide Against Mycobacterium avium Complex Publi: Archives of Internal Medicine Vol/Iss: 153 (4) Pages: 534 Date: 02/22/93				
BB	195	Author: WANG et al. Title: Photoaffinity Labeling of Human Placental Estradiol 17 β -dehydrogenase with 2- And 4-azidoestrone, 2- and 4-azidoestradiol (abstract Only) Publi: Shengwu Huaxue Zazhi Vol/Iss: 8 (6) Pages: 715-718 Date: 1992				

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BB	196	Author: WEIDNER, N. et al. Title: Tumor angiogenesis: A New Significant and Independent Prognostic Indicator in Early-Stage Breast Carcinoma Publ: Journal of the National Cancer Institute Vol/Iss: 84 Pages: 1875-1887 Date: 12/16/92				
	197	Author: WEIDNER, N. et al. Title: Tumor Angiogenesis Correlates with Metastasis in Invasive Prostate Carcinoma Publ: American Journal of Pathology Vol/Iss: 143 (2) Pages: 401-409 Date: 08/1993				
	198	Author: WEIDNER, N. et al. Title: Tumor Angiogenesis and Metastasis-Correlation in Invasive Breast Carcinoma Publ: New England Journal of Medicine Vol/Iss: 324 (1) Pages: 1-8 Date: 01/03/91				
	199	Author: WELSCH et al. Title: Staphylostatic Activity of Some New Diphenols, Naphthols, and Chalcones (Abstract only) Publ: Experientia Vol/Iss: 11 Pages: 350-351 Date: 1955				
	200	Author: WHITE et al. Title: Treatment of Pulmonary Hemangiomas with Recombinant Interferon Alfa-2a Publ: The New England Journal of Medicine Vol/Iss: 32 (18) Pages: 1197-1200 Date: 05/04/89				
	201	Author: WIESE et al. Title: Induction of the Estrogen Specific Mitogenic Response of MCF-7 Cells by Selected Analogues of Estradiol-17 β : A 3D QSAR Study Publ: Journal of Medicinal Chemistry Vol/Iss: 40 Pages: 3659-3669 Date: 1997				
BB	202	Author: WURTZ et al. Title: Three-Dimensional Models of Estrogen Receptor Ligand Binding Domain Complexes Based on Related Crystal Structures and Mutational and Structure-Activity Relationship Data Publ: Journal of Medicinal Chemistry Vol/Iss: 41 Pages: 1803-1814 Date: 1998				

Examiner Signature	<i>Barbara Badio</i>	Date Considered	11/15/03
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BB	203	Author: YASUDA et al. Title: Accelerated differentiation in seminiferous tubules of fetal mice prenatally exposed to ethinyl estradiol (Abstract only) Publ: Anat. Embryol. (Berl.) Vol/Iss: 174 (3) Pages: 289-299 Date: 1986				

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